

CLAIMS

1. A coloring composition comprising:

(i) a soluble coloring agent precursor obtained by  
 5 substituting a hydrogen atom of a NH group of a pigment  
 molecule having at least one NH group with an  
 alkoxycarbonyl group of the following general formula (1):



wherein R represents a tert-butyl group, a tert-amyl group,  
 10 a 2-phenyl-2-propyl group or a diphenylmethyl group,

(ii) an acid proliferation agent newly generating an  
 acid by the action of an acid, and

(iii) an acid former generating an acid by the action  
 of activation energy rays or heat.

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2. A transparent, colored resin composition comprising a  
 coloring composition according to claim 1, and a binder  
 resin.

20 3. A transparent, colored resin composition according to  
 claim 2, wherein said binder resin comprises an activation  
 energy rays-sensitive polymer which undergoes a structural  
 change by the action of an acid to cause a change in  
 solubility.

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4. A composition for forming a transparent, colored  
 resin, comprising a coloring composition according to claim  
 1 dissolved in a cationically polymerizable compound.

30 5. A composition for forming a transparent, colored  
 resin, comprising a coloring composition according to claim  
 1 dissolved in a cationically polymerizable compound and/or  
 radically polymerizable compound.

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6. A transparent/colored image formed by irradiating a composition according to any one of claims 2 through 5 with activation energy rays.

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